

Snapshots from *Discovery*

A visit to the Hubble Space Telescope

1 Astronaut Curtis Brown Jr. mans the commander's station during Flight Day 2 activity on board the Space Shuttle *Discovery*. [S103-E-5200]

2 Astronaut Michael Foale, mission specialist, performs a minor maintenance task on the middeck of the Earth-orbiting *Discovery*. The long rectangular structure near Foale's head is the escape pole, which has been standard equipment on the shuttle fleet since 1988. [S103-E-5184]

3 Pilot Scott Kelly looks over a copy of the STS-103 flight plan on *Discovery's* aft flight deck. [S103-E-5198]

4 Astronaut John M. Grunsfeld uses a pair of binoculars to view the distant Hubble Space Telescope several hours prior to its capture by the Space Shuttle *Discovery*. [S103-E-5202]

5 Astronaut Steven Smith, payload commander, waves to crew mates inside *Discovery's* cabin during the first space walk of NASA's third servicing visit to the Hubble Space Telescope. [S103-E-5248]

6 The Hubble Space Telescope, captured in *Discovery's* bay by the Remote Manipulator System, received six new gyroscopes and a new computer among other improvements to the orbital observatory during the mission. [S103-E-5166].

7 Astronaut Claude Nicollier, mission specialist representing the European Space Agency, poses near the controls of *Discovery's* Remote Manipulator System. Nicollier, who participated in the second EVA of STS-103, served as a backup operator for the RMS on this mission, as he has experience with the robotic arm from previous shuttle missions. [S103-E-5199]

8 Astronaut Jean-François Clervoy, mission specialist also with ESA, established a computer workstation on *Discovery's* middeck. [S103-E-5188]

9 Astronaut Scott Altman, (center) spacecraft communicator for STS-103, muses with fellow controllers. Flight Directors Leroy Cain (left) and Wayne Hale are in the background. [S99-16073]

10 The flight control team monitors systems from the MCC as crewmembers Smith and Grunsfeld venture out of *Discovery* for the first EVA of the mission. [S99-15925]

